

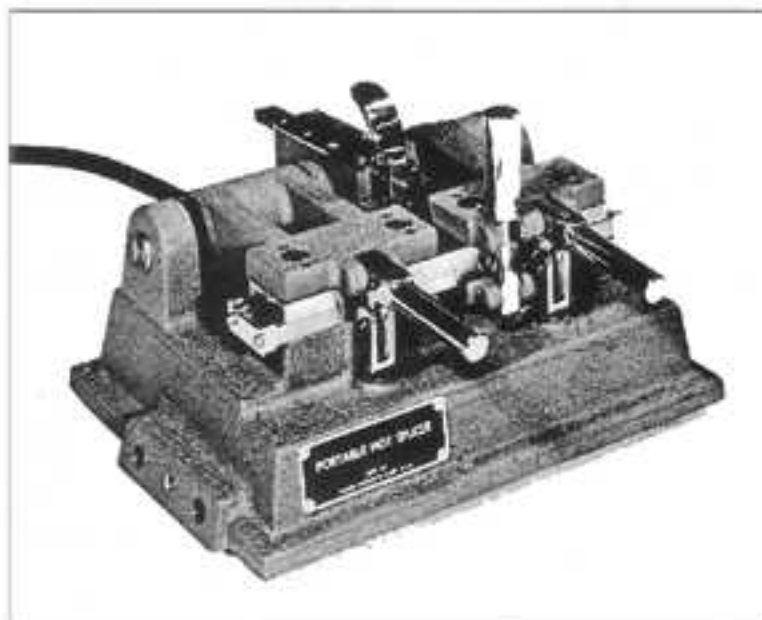
INSTRUCTIONS

PORTABLE HOT SPLICERS

FOR 8 - 16 AND 35mm FILMS

BY

MAIER-HANCOCK CORP.

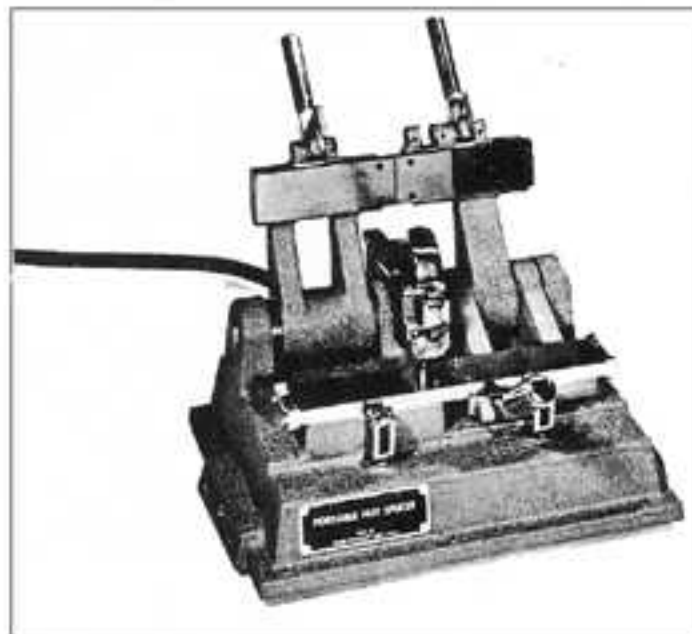


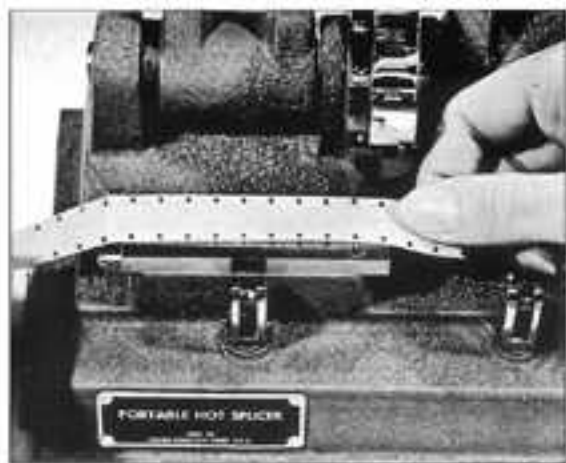
Model 1635 for 35MM & 16MM and Model 816 for 16MM & 8M Films.

Combination professional precision built hot splicers.

Congratulations! You have purchased the most simplified precision portable splicing machine in use in the world today. This MAIER-HANCOCK splicer has been developed and perfected under actual working conditions by engineers whose experience taught them what is required by the technician who must cut film and splice it day after day. The splicer is rugged, should last a lifetime with a minimum of adjustment and repair. This splicer with features of professional machinery is portable and can be moved from place to place wherever splicing is being done. You will receive the best results if you will follow the simple instructions which follow.

**OPEN—READY TO
START SPLICING CYCLE**

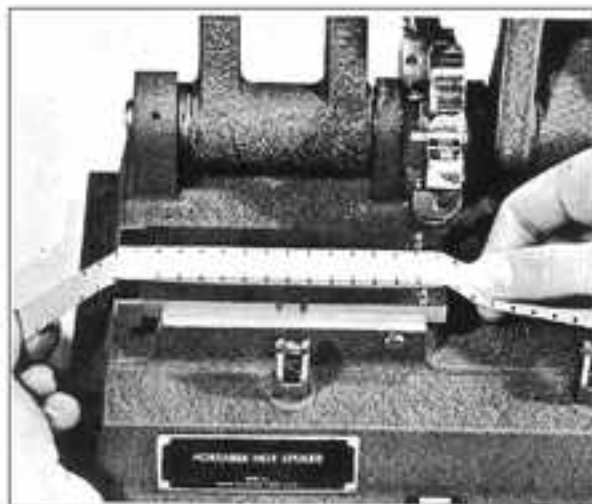




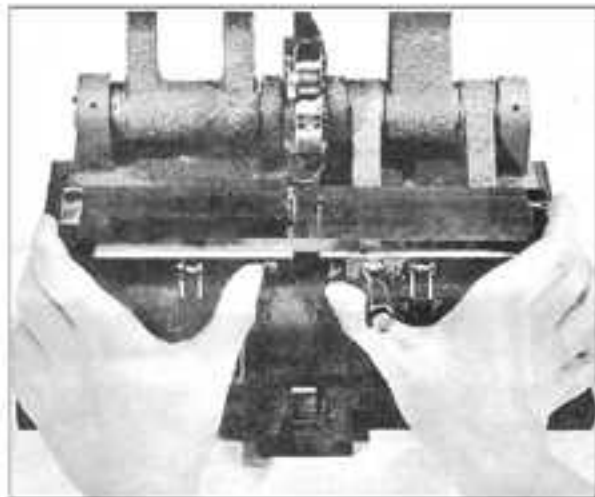
Features

Model 816: Using this Model and when working with 16mm sound film, two sets of 16mm pilot pins are provided to permit splicing with the perforations either toward or away from the operator. This eliminates the necessity of looping the film around the splicer.

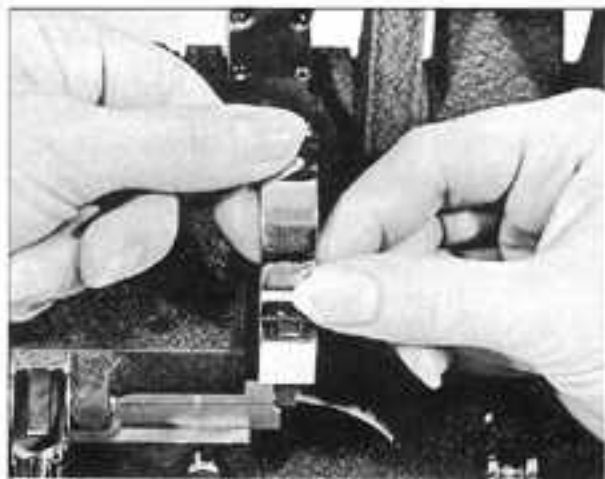
Model 1635: When using this model and when working with 35mm film, the 16mm pilot pins are individually retracted as shown in the illustration. This permits instantaneous change from 16mm film to 35mm film and vice versa.



Model 1635: Depress plungers to retract both left and right 16mm pilot pins as shown in this illustration.



Model 1635 and 816: When using either the Model 1635 or the Model 816 splicers, it is important to grasp the scraper handle with both left and right index fingers and thumbs. The scraper works in one direction only, from the operator toward the back of the splicer. The motion is simple, using only the wrists and fingers. Lift, draw toward you, compress down and scrape. Repeat this operation two or three times until the emulsion is removed. The scraper is of carbide material and should last almost indefinitely if it is not damaged.



Model 1635 and 816: This illustration shows the operation for adjusting the thermostat control. This is adjusted at the factory but if you find it necessary you may adjust the temperature. It can be increased or decreased by adjusting the screw as shown. To increase the temperature turn screw to the right; to decrease, turn to the left. The illustration shows the cover removed, which is accomplished by unscrewing the four rubber feet.



Operating Instructions

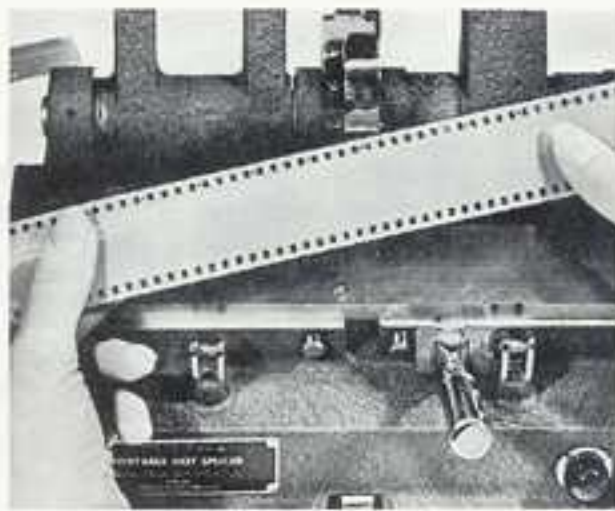
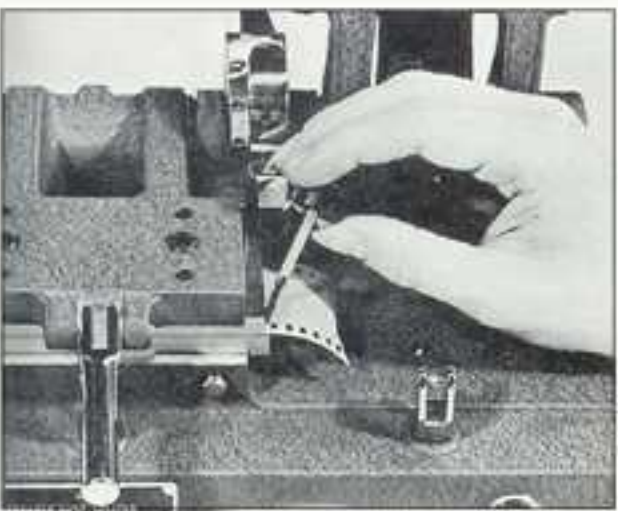
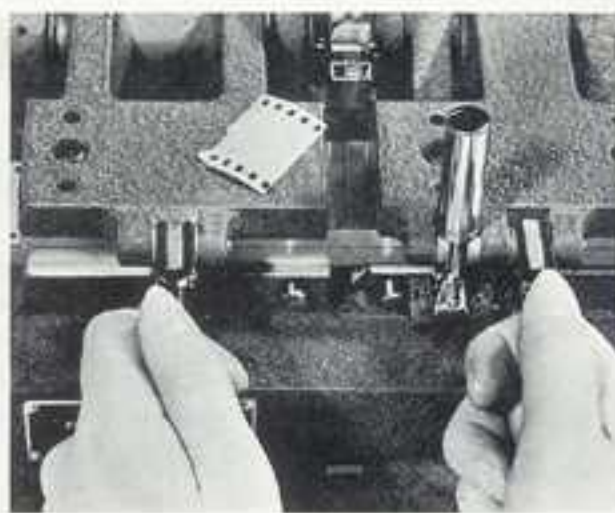
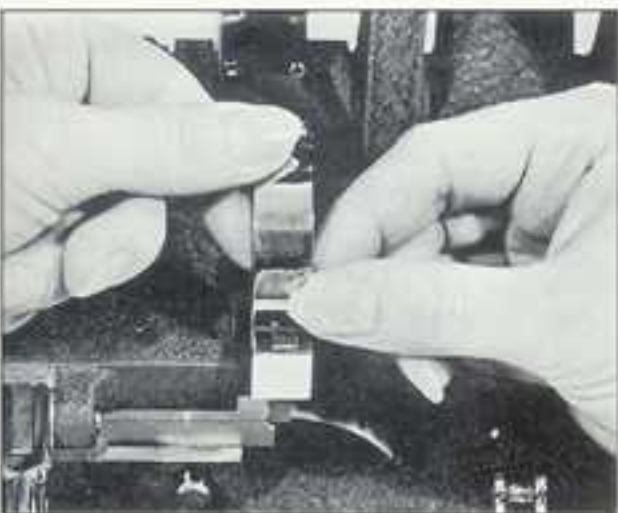
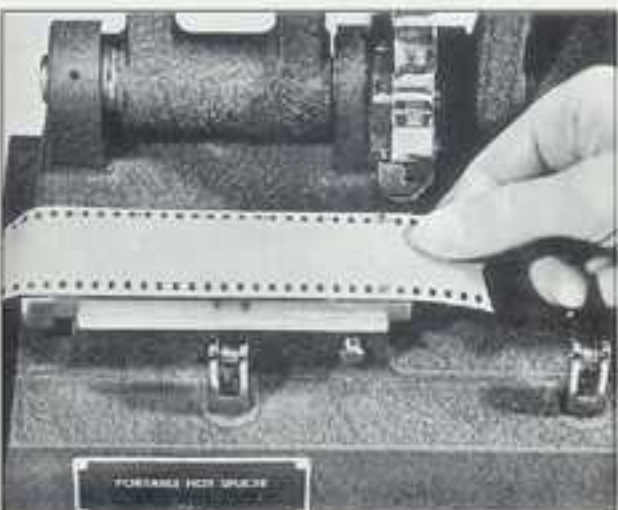
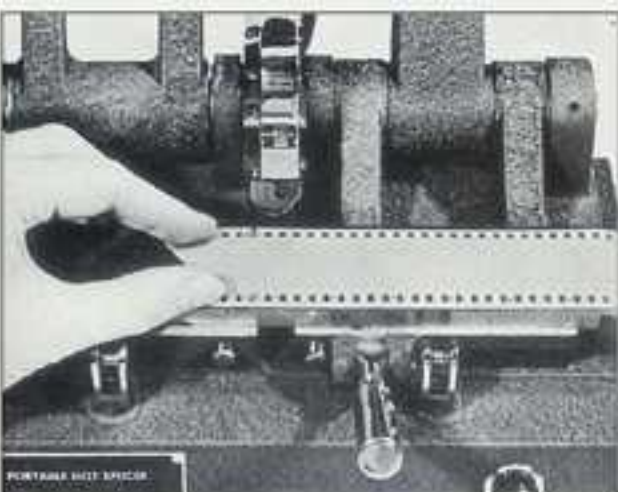
COMMON TO BOTH MODELS 1635 & 816

To operate Heater and Thermostat:

Plug line cord into receptacle supplying 110- to 120-volt alternating current. Temperature will rise to workable point in 15 to 20 minutes, and to full temperature in approximately 30 minutes. The factory-set temperature is 100° to 110° Fahrenheit. Heater should be left plugged in for full work day.

OPERATING SPLICER

1. With both upper blades raised, place film, emulsion side up, over right lower blade and register on pins.
Pull down on right upper blade and lock in position with the vertical lever.
Raise both right blades, with film locked between, to stop position.
2. Place second piece of film, emulsion side up, on lower left blade over pilot pins.
Pull down left upper blade and lock.
3. Draw out the scraper unit, and remove the emulsion by pressing down and scraping with one or more firm strokes *away* from the body. The Carbide tool is NOT designed to scrape the film on the forward stroke (toward the body); attempting to do so may tear the film.
4. Apply film cement sparingly to scraped portion.
5. Pull down on both right blades and lock in place. In lowering, blades will cut both ends of film and seal the splice under pressure. Allow five to ten seconds for the full cycle.
6. Release all locks, raise top blades only and remove film. The splice is complete.



NOTE: Use only quality film cements for type of film being spliced.

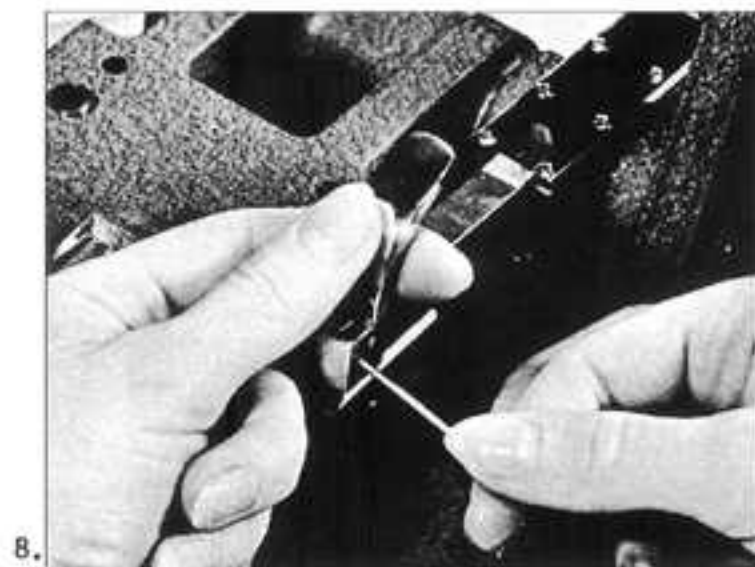
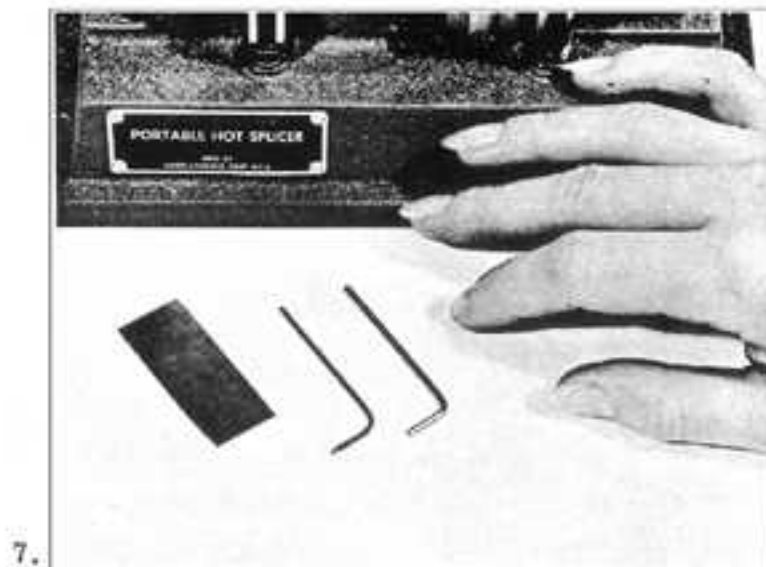


Figure 7 shows the thickness gauge and two wrenches which are supplied with the machine as standard equipment. This permits adjusting the scraper vertically, horizontally, and for tilt. In Figure 8, with both right blades raised, place thickness gauge between left upper blade and left lower blade with the section of gauge protruding over the lower blade. Draw scraper arm out about half way. Loosen said screw on right side of Carbide holder as shown. Then let scraper slide down and rest on the gauge very lightly, press scraper holder down to its stop and while holding the assembly in this position tighten screw. Scraper will then be adjusted to correct depth of cut.

NOTE: The Model 1635 has an extra scraper in a well located under the right lower blade.

Special Lubrication

AND OTHER COMMENTS

Using any light body instrument oil, keep scraper slide well lubricated at all times, and occasionally place a few drops of oil on the ends of the various hinge points on the horizontal arms. Place one drop on the 16mm pins which will help prevent film cement from adhering.

On the Model 1635 if the retractable pins do not operate freely place a few drops of film cement solvent (acetone or similar solvent) on each pin and actuate several times.

A very small amount of graphite mixed grease on the sliding part of the locking clamps will keep the horizontal levers operating freely.

INSTRUCTIONS FOR SCRAPING BOTH ENDS OF FILM

Steps used for scraping glossy side of right hand films:

1. Raise BOTH upper clamp plates only.
2. Place right film glossy side UP with end of film extending at least one full frame over lower left side.
3. Lower left clamp plate and scrape in normal manner.
4. Remove film and turn emulsion side up on same sprocket hole as used before.
5. Lock right hand clamp plates and proceed with normal splicing cycle.

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TRIPLE COMBINATION FOR 8MM, SUPER 8, 16MM FILMS

PORTABLE HOT SPLICERS

MAIER-HANCOCK INDUSTRIES

14106 VENTURA BLVD.

SHERMAN OAKS, CALIFORNIA

4 large pins for 16mm films
A or B and regular 8mm films.

2 small retractable pins
for new SUPER 8 films.

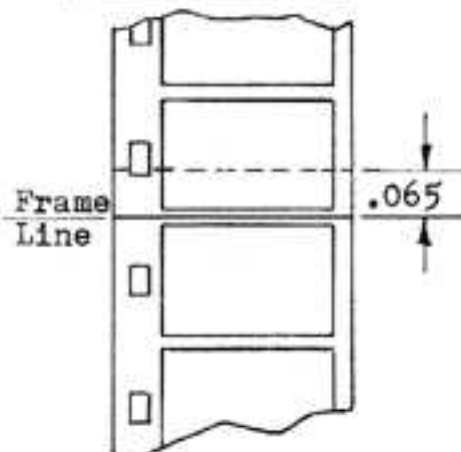
Rotate knurled knobs
to raise or retract
SUPER 8 pins.

Showing 16mm
film in position.
(For regular 8mm
use same procedure.)
SUPER 8 pins are
retracted.

Turn film over to scrape
film with magnetic
stripping.

SUPER 8 film
with pins in position.
Use notched guide on both
ends to align film.

SUPER 8 SPLICE



SPLICER PRICES

Model 816-S
Triple Purpose
8mm, 16mm, SUPER 8.

SPECIAL MODEL FOR
LABORATORY USE
Model 816-ST
SUPER 8 only.
Slit or unslit film.